

ABSTRACT

A printer capable of transferring images to different types of media is disclosed. Media sheets of different sizes and types may be dispensed through a single input path to a print station including a printhead and a platen. The printhead is adapted for transferring images to media using either a direct thermal or dye diffusion process. A capstan roller, platen roller, picker assemblies and kicker assemblies are driven by a single motor, allowing for substantial cost and space savings. Other features are directed to improving the quality of images using the direct thermal and dye diffusion processes.